



## VERIFICATION OPINION STATEMENT GREENHOUSE GAS EMISSIONS

Apex Companies, LLC (Apex) was engaged to conduct an independent verification of the greenhouse gas (GHG) emissions reported by Stantec Inc. (Stantec) for the period stated below. This Verification Statement applies to the related information included within the scope of work described below.

The determination of the GHG emissions is the sole responsibility of Stantec. Stantec is responsible for the preparation and fair presentation of the GHG statement in accordance with the criteria. Apex's sole responsibility was to provide independent verification on the accuracy of the GHG emissions reported, and on the underlying systems and processes used to collect, analyze and review the information. Apex is responsible for expressing an opinion on the GHG statement based on the verification. Verification activities applied in a limited level of assurance verification are less extensive in nature, timing and extent than in a reasonable level of assurance verification.

### **Boundaries of the reporting company GHG emissions covered by the verification:**

- Operational Control
- Worldwide except as otherwise noted
- Stantec Global Consulting
- Exclusions from the boundary of Stantec's GHG emissions assertion include emissions from Stantec's Global Consulting E-Suites, and fully Sub-let spaces

**Types of GHGs:** CO<sub>2</sub>, N<sub>2</sub>O, CH<sub>4</sub>

### **GHG Emissions Statement:**

- **Scope 1:** 7,540 metric tons of CO<sub>2</sub> equivalent
- **Scope 2 (Location-Based):** 40,726 metric tons of CO<sub>2</sub> equivalent
- **Scope 2 (Market-Based):** 34,738 metric tons of CO<sub>2</sub> equivalent
- **Scope 3:**
  - 26,903 metric tons of CO<sub>2</sub> equivalent – business travel; flights and personal and rental cars (Canada, United States, United Kingdom, New Zealand, Australia, Netherlands, and Italy)
  - 138 metric tons of CO<sub>2</sub> equivalent – business travel; rail (UK only)
  - 1,480 metric tons of CO<sub>2</sub> equivalent – fuel and energy related activities, electricity transmission and distribution losses
  - 780 metric tons of CO<sub>2</sub> equivalent – purchased goods, paper (Canada, United States, United Kingdom, New Zealand, Australia, Netherlands, and Italy)
- **GHG Offsets Purchased:** 88 metric tons of CO<sub>2</sub> equivalent

Data and information supporting the Scope 1, Scope 2, and Scope 3 GHG emissions statement were primarily historical in nature.

### **Period covered by GHG emissions verification:**

- January 1, 2019 to December 31, 2019



**Year over year changes in GHG emissions verified (2018 to 2019):**

- **Scope 1:** 27 percent decrease
- **Scope 2 (location-based):** 8 percent increase
- **Scope 2 (market-based):** 4 percent decrease
- **Scope 3 – business travel; flights and personal and rental cars (Canada, United States, United Kingdom, New Zealand, Australia, Netherlands, and Italy):** 1 percent increase
- **Scope 3 – business travel; rail (UK only) year over year change:** 5 percent decrease
- **Scope 3 - fuel and energy related activities, electricity transmission and distribution losses:** 13 percent decrease
- **Scope 3 - purchased goods, paper (Canada, United States, United Kingdom, New Zealand, Australia, Netherlands, and Italy):** 18 percent decrease

**Criteria against which verification conducted:**

- The Climate Registry (TCR) General Reporting Protocol (Scope 1 and 2)
- World Resources Institute (WRI)/World Business Council for Sustainable Development (WBCSD) Greenhouse Gas Protocol Corporate Value Chain (Scope 3) Accounting and Reporting Standard (Scope 3)

**Reference Standard:**

- ISO 14064-3: Greenhouse gases -- Part 3: Specification with guidance for the validation and verification of greenhouse gas statements

**Level of Assurance and Qualifications:**

- Limited
- This verification used a materiality threshold of  $\pm 5\%$  for aggregate errors in sampled data for each of the above indicators

**GHG Verification Methodology:**

Evidence-gathering procedures included but were not limited to:

- Interviews with relevant personnel of Stantec;
- Review of documentary evidence produced by Stantec;
- Review of Stantec data and information systems and methodology for collection, aggregation, analysis and review of information used to determine GHG emissions; and
- Audit of sample of data used by Stantec to determine GHG emissions.

**Verification Opinion:**

Based on the process and procedures conducted, there is no evidence that the GHG emissions statement shown above:

- is not materially correct and is not a fair representation of the GHG emissions data and information; and
- has not been prepared in accordance with the TCR General Reporting Protocol (Scope 1 and 2) and the WRI/WBCSD Greenhouse Gas Protocol Corporate Value Chain (Scope 3) Accounting and Reporting Standard (Scope 3).



It is our opinion that Stantec has established appropriate systems for the collection, aggregation and analysis of quantitative data for determination of these GHG emissions for the stated period and boundaries.

**Statement of independence, impartiality and competence**

Apex is an independent professional services company that specializes in Health, Safety, Social and Environmental management services including assurance with over 30 years history in providing these services.

No member of the verification team has a business relationship with Stantec, its Directors or Managers beyond that required of this assignment. We conducted this verification independently and to our knowledge there has been no conflict of interest.

Apex has implemented a Code of Ethics across the business to maintain high ethical standards among staff in their day-to-day business activities.

The verification team has extensive experience in conducting assurance over environmental, social, ethical and health and safety information, systems and processes, has over 20 years combined experience in this field and an excellent understanding of Apex's standard methodology for the verification of greenhouse gas emissions data.

**Attestation:**

Handwritten signature of Anisha Malhotra in black ink.

Anisha Malhotra, Lead Verifier  
Staff Consultant  
APEX Companies, LLC  
Lakewood, Colorado

Handwritten signature of Lisa Barnes in black ink.

Lisa Barnes, Technical Reviewer  
Principal Consultant  
APEX Companies, LLC  
Lakewood, Colorado

April 27, 2020

*This verification statement, including the opinion expressed herein, is provided to Stantec and is solely for the benefit of Stantec in accordance with the terms of our agreement. We consent to the release of this statement by you to CDP in order to satisfy the terms of CDP disclosure requirements but without accepting or assuming any responsibility or liability on our part to CDP or to any other party who may have access to this statement.*